

Overview-Classroom Activities

5th Grade Light & Sound



Introduction to Sound & Light

Lesson	Activities	Teaching Kit Materials
Teacher Lesson-Wave Exercise	Sound & Light Fact or Fake; Sound & Light Pre/Post Polls; Graphic Organizers; Wave Exercise	None needed

Sound

Lesson	Activities	Teaching Kit Materials
Teacher Lesson-Sound Explorations	Phone Disco; Tuning Fork Explorations; Duck Call, Water Whistle; Student Labsheet	Tuning Forks (5 sets of 4), Ping-pong balls, String
Teacher Lesson-Sound Applications	Sit Spots Labsheet, Sound BINGO, Soundscape Communicating in the Wild, Measuring Sound at School	Decibel meter

Light

Lesson	Activities	Teaching Kit Materials
Teacher Lesson-Light Explorations	Lunar Eclipse; Groundhog Day; Transparent/Translucent/Opaque Student Labsheet and Scavenger Hunt	Graphics-Earth, Moon, Groundhog
Teacher Lesson-Light Reflection	Can You See Me Now with Student Labsheet; Laser Maze Junior	Mirrors & Protractors (10 of each), String, Laser Maze Junior (6 sets) with Batteries
Teacher Lesson Light Refraction	Pencil in a Cup with Different Liquids; Water Drop Magnifier; Disappearing Penny; Mystery Balloon Pop, Disappearing Water Marbles; Spectroscope	Medicine Droppers (5), Clear & Black Balloons, Magnifying Glass (2), Water Marbles

Student Worksheets, Teacher Lesson Plans and Pre/Post Polls are available at:
www.ohioenergy.org/educators

NEED EnergyWorks Teacher & Students Guides in PDF format are available at:
www.need.org